

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Mitsuru UESUGI, et al.

Application No.: New PCT National Stage Application

Filed: February 20, 2002

For: ADAPTIVE MODULATION COMMUNICATION SYSTEM

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents
Washington, DC 20231

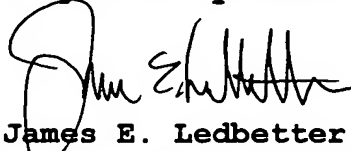
Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449. All of these references were cited in a PCT International Search Report (copy attached) except for the following documents: JP '876, JP '955 and JP '369. JP '587 corresponds to WO '850.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



James E. Ledbetter
Registration No. 28,732

Date: February 20, 2002

JEL/spp

ATTORNEY DOCKET NO. L9289.02118

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

L9289.02118

SERIAL NO.

New PCT Nat'l Stage
Application

APPLICANT

Mitsuru UESUGI, et al.

FILING DATE

February 20, 2002

GROUP

Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2000 3 2 4 0 8 1	11/2000	JP			Abstract	
	2000 5 0 1 5 8 7	02/2000	JP			Abstract	
	1 0 0 9 3 5 3 7	04/1998	JP			Abstract	
	1 1 0 2 7 2 3 2	01/1999	JP			Abstract	
	1 0 0 4 1 8 7 6	02/1998	JP			Abstract	
	1 0 2 4 7 9 5 5	09/1998	JP			Abstract	
	1 1 2 9 8 3 6 9	10/1999	JP			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

International Search Report dated July 17, 2001.

K. UMEBAYASHI, et al.: "A Study on Blind Adaptive Modulation/Demodulation Based on a Concept of Software Radio", Denshi Joho Tsuushin Gakkai Taikai Kouen Ronbunshuu, March 2000, Vol. 2000, Sougou 2, B-5-103, pg. 488, with translation.

M. UESUGI, et al.; "A Study on Adaptive Packet Transmission using the Layered Demodulation", Technical Report of IEICE, October 2000, Vol. 100, No. 278 (RCS 91-104), pp. 21-26.

M. UESUGI, et al.; "Hybrid ARQ (Type I) for the Layered Demodulation", Technical Report of IEICE, February 2001, Vol. 100, No. 560 (SAT2000 115-124), pp. 7-12.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.